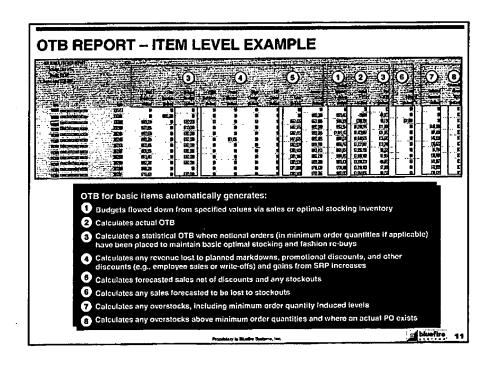
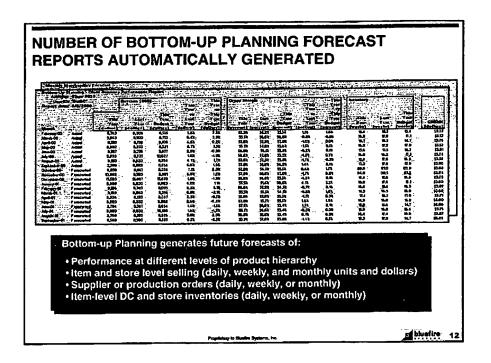


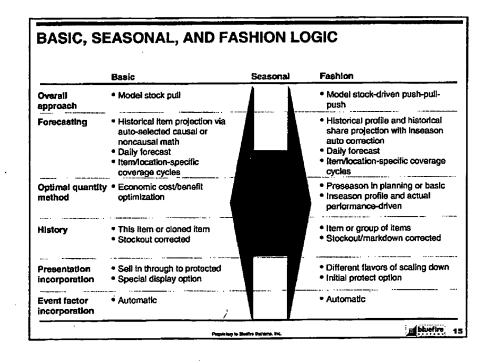
BLUEF	IR	E S	YS	TE	MS	D	EC	ISI	N INTEGRATION
								Part of the second	S Conoments
Promotion		~	~	1	V	•	~	~	Promotions typically change sales and stock and, in many cases, presentation
Presentation	1		~	\	1	•	~	~	Presentations typically change stocking and typically sales (man) times acting as presentation promotion)
Ordering	1	~		1	1		1	~	Orders impact the availability of goods for replenishment, allocations, presentations, and promotions, and change OTB and Bottom-up Plan results
Reptenishment	>	1	~				V	1	How replenishments are being done impact orders, promotions (e.g., no point running a promotion if you do not stock for it), and presentations, and the results in OTB and Bottom-up Plans
Allocation	>	>	~			*	√	~	How allocations are being done impact orders, promotions, presentations, and markdowns, and the results in OTB and Botton up Plans
Markdown	>	>			>		>	~	Markdowns impact promotions, presentations, and allocations, ar change the results in OTB and Bottom-up planning
отв	>	>	\	1	>	>		y	OTB decisions impact the availability of goods for all the other decisions
Bottom-up Plan	~	•	1			~	~		Decisions you make to hit plan typically effor how you promote, present, order, markdown, and what you do with OTB
Top-down Plan							11000	dl _{bb} .	The Top-down Plan is generally done before other activities and feeds budgets to OTB and Boltom-up planning

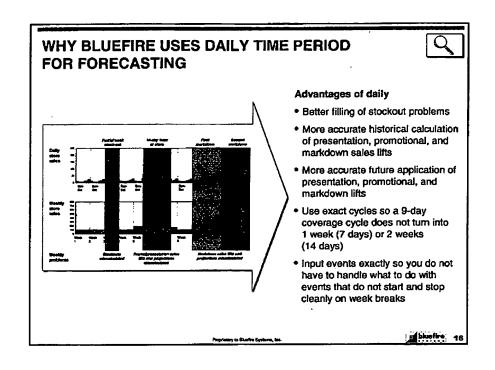


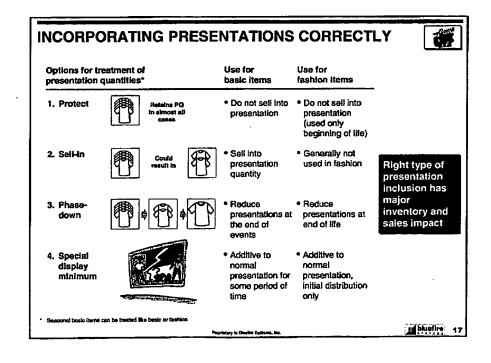


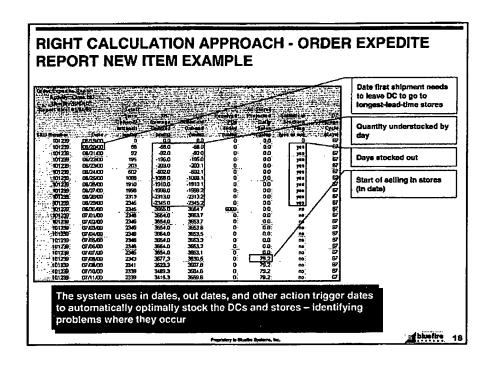
Module	Results in
Presentation and Event Manager	 Incorporation of visual presentations in all decisions and identification of non- economic visual quantities; incorporation of promotional/causal events in all decisions and identification of successful and unsuccessful events
Buying and Inventory Optimizer	 Right order quantities from suppliers at right time to maximize profits/return; righ stocking of stores and minimization of inventory throughout supply chain
Markdown Optimizer	 Suggests optimal timing and level of markdowns to maximize revenue and profits; more effective decisions and in-store execution from seeing rest-of- season markdown timings each time
Open-to-buy	 Massive elimination of workload and more effective determination of where reductions in inventory would have minimal impact on sales and profits
Bottom-Up Planner	 Massive elimination of workload and better determination of which products to buy, where to include them in the store assortments, and how they will perform
Top-Down Planner	• Less costly development of long term financial plans

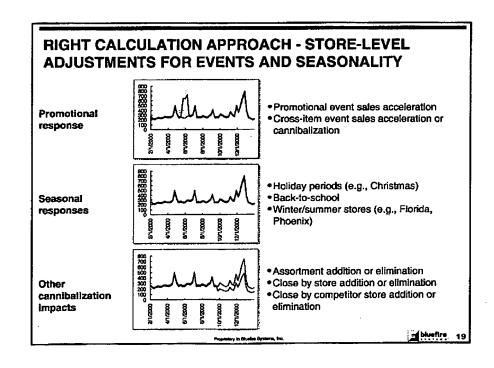
gical ele	ment	Description		
V	Fashion/basic split	Optimize inventory differently for fashion, basic, and seasonal basic products		
Q	Item/location/day optimization	Sales forecasts and inventory optimization done at the item/location/day level		
	Multi-echelon optimization	Every echelon of the supply chain Integrated into the optimization in a manner that minimizes the exposure to high sales variability situations		
	Correct presentation/ event integration	Correct integration of presentational and promotional events throughout all the calculations of the system		
<u>o</u>	Right calculation engines	Proper separation of fashion, and basic, and then Integration of all setup and calculations to yield the best answers		

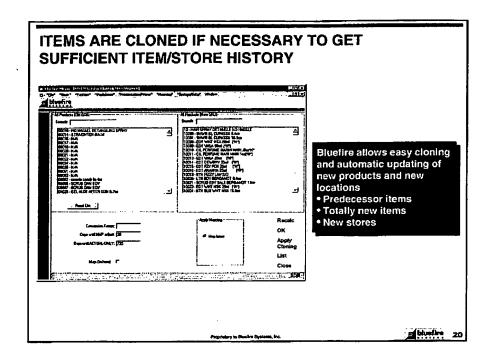


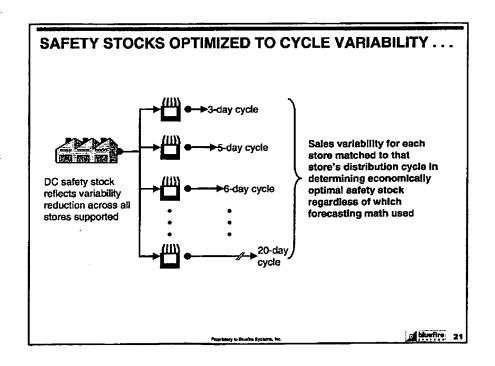


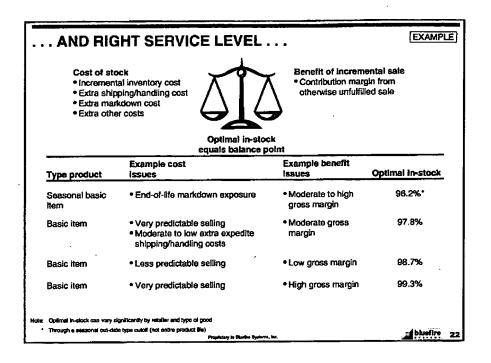


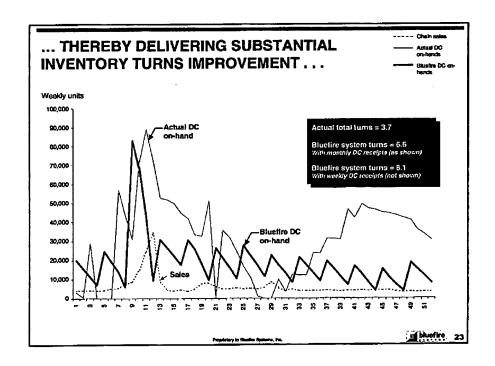


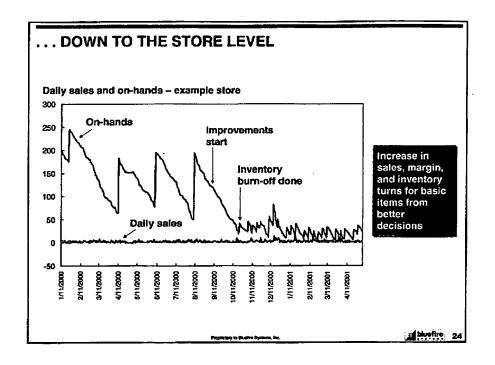


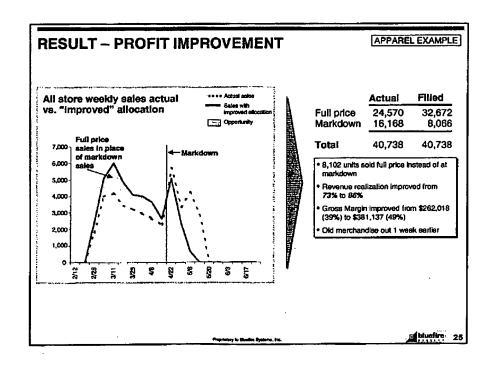


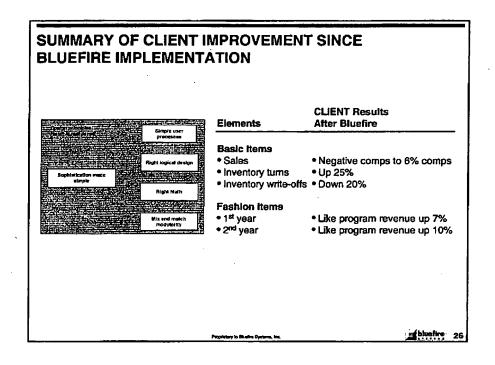


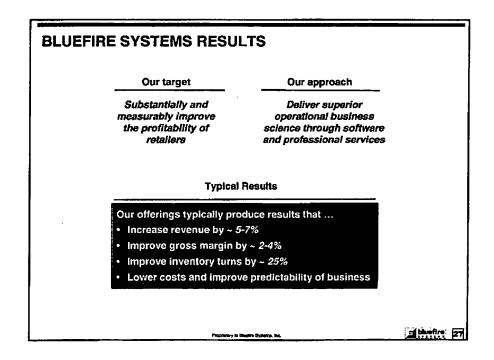












ogical ele	ement	Applications - not limiting		
	Fashlon/basic split	09/708,944 docket 1000 (Jeanty, promos calenedar) 09/755,635 docket 1001 (PQ)		
Q	Item/location/day optimization	Throughout		
6666	Multil-echelon optimization	Throughout, especially 09/905,255 docket 1007 (Hirl		
	Correct presentation/ event integration	09/755,635 docket 1001 (PQ); 09/766,539 docket 1005 (PQ+reports) 09/708,944 docket 1000 (Jeanty, promotions calendr 09/760,377 docket 1003 (Causal+reports)		
ぴ	Right calculation engines	09/755,355 docket 1002 (cloned history) 09/905,174 docket 1006 (cannibalization) (no OA) 09/888,336 docket 1004 (simulating+OTB) (no OA) 09/905,255 docket 1007 (Hirl, simulating w/ all)		